

10/085716

copy



Attorney Docket No.: CYPR-PM01010

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

I hereby certify that this transmittal of the below described document is being deposited with the United States Postal Service in an envelope bearing First Class Postage and addressed to the Commissioner for Patents P.O. Box 1450, Alexandria, VA 22313-1450, on the below date of deposit.			
Date of Deposit:	2/24/2006	Name of Person Making the Deposit:	Christina Acosta
		Signature of the Person Making the Deposit:	<i>Christina Acosta</i>

Patent No.: ~~6,730,545-B1~~ 670 545

Issued: 05/04/04

Name of Patentee: Bo Soon CHANG and Thurman J. RODGERS

Title of Invention: METHOD OF PERFORMING A BACK-END MANUFACTURING OF AN INTEGRATED CIRCUIT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Certificate
MAR 06 2006
of Correction

Sir:

REQUEST FOR CERTIFICATE OF CORRECTION OF PATENT FOR PTO MISTAKE (37 CFR §1.322(a))

- Attached, in duplicate, is PTO/SB/44 (also Form PTO-1050), with at least one copy being suitable for printing.
- The exact page and line number where the error occurs in the application file are:
- Please send the Certificate to:

Name: Wagner, Murabito & Hao LLPAddress: 2 N. Market Street, 3rd Floor, San Jose, CA 95113

- [X] Charge any fees required or credit any overpayments associated with this filing to Deposit Account No.: 23-0085.

Please direct all correspondence concerning the above-identified application to the following address:

WAGNER, MURABITO & HAO
Two North Market Street, Third Floor
San Jose, California 95113
(408) 938-9060

Respectfully submitted,

Date: 2/24/2006

By: *[Signature]*
Anthony C. Murabito
Reg. No. 35,295

MAR 7 2006



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Respectfully submitted,

Date: 2/24/2006

By: *Anthony C. Murabito*
Anthony C. Murabito
Reg. No. 35,295



PTO/SB/44

MAILING ADDRESS OF SENDER:

WAGNER, MURABITO & HAO LLP

Two North Market Street, Third Floor

San Jose, CA 95113

PATENT NO: 6,730,545 B1

No. of additional copies: 0

PAK

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO: ^{6730 545}
10/085,716

DATED: September 13, 2005

INVENTOR(S): Chang et al.

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Column 18, line 60, cancel beginning with "4. The method" to and including "sorting sub-station." in Column 19, line 2, and insert the following claim:

4. The method as recited in Claim 1 wherein said processing said die-strip by said end-of-line assembly portion comprises:
molding said die-strip using an in-line mold sub-station;
post mold curing said die-strip using an in-line post mold cure sub-station;
attaching said die-strip using an in-line ball attachment sub-station;
sawing said die-strip using an in-line sawing sub-station; and
sorting said sawed die-strip using an in-line sorting sub-station.

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO: *6730 545*
10/085,716

DATED: September 13, 2005

INVENTOR(S): Chang et al.

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

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4. The method as recited in Claim 1 wherein said processing said die-strip by said end-of-line assembly portion comprises:
molding said die-strip using an in-line mold sub-station;
post mold curing said die-strip using an in-line post mold cure sub-station;
attaching said die-strip using an in-line ball attachment sub-station;
sawing said die-strip using an in-line sawing sub-station; and
sorting said sawed die-strip using an in-line sorting sub-station.

MAR 7 2006



United States Patent Application

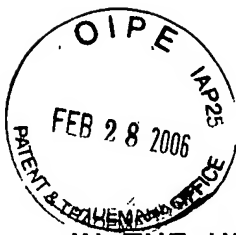
For

A METHOD OF PERFORMING BACK-END MANUFACTURING OF AN
INTEGRATED CIRCUIT DEVICE

Inventors:

THURMAN J. RODGERS
BO SOON CHANG

Prepared by:
WAGNER, MURABITO & HAO LLP
Two North Market Street
Third Floor
San Jose, California 95113



Attorney Docket No.: CYPR-PM01010

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application

I hereby certify that this transmittal of the below described documents is being deposited with the United States Postal Service in an envelope bearing Express Mail Postage and an Express Mail label, with the below serial number, addressed to the Commissioner of Patents and Trademarks, Washington, D.C., 20231, on the below date of deposit.			
Express Mail Label No.:	EV093772945US	Name of Person Making the Deposit:	KATHERINE RINALDI .
Date of Deposit:	02/27/02	Signature of the Person Making the Deposit:	<i>Katherine Rinaldi</i>

Inventor(s): THURMAN J. RODGERS, BO SOON CHANG

Title: A METHOD OF PERFORMING BACK-END MANUFACTURING OF AN INTEGRATED CIRCUIT DEVICE

The Commissioner of Patents and Trademarks
Washington, D.C. 20231
Sir:

Transmittal of a Patent Application
(Under 37 CFR §1.53)

Transmitted herewith is the above identified patent application, including:

- ☒ Specification, claims and abstract, totaling 62 pages.
☐ Formal drawings, totaling pages.
☒ Informal drawings, totaling 15 pages.
☒ Declaration and Power of Attorney.
☐ Information Disclosure statement.
☐ Form 1449
☐ Assignment(s)
☐ Assignment Recordation Form (duplicate)
☒ Request and Certification under 35 U.S.C. 122(b)(2)(B)(i)
☐ Other:

Amendments, Priority Claim

35 U.S.C. 119

☐ Priority of application Serial Number filed on
 in is claimed under

35 U.S.C. 119.

☐ The certified copy has been filed in prior U.S. application Serial No.

☐ The certified copy will follow.

35 U.S.C. 120, 121 and 365(c)

"This application is a continuation of and claims the benefit of copending application(s)

☐ application number filed on
☐ International Application filed on

and which designated in the U.S."

☐ Amend this specification by inserting, before the first line, the following sentence:

"This application claims priority to the copending application(s)

☒ Serial Number 60/272,283 filed on 02/27/01

which is hereby incorporated by reference to this specification

☐ International Application filed on

which designated the U.S."

FEES DUE

The fees due for filing the specification pursuant to 37 C.F.R. § 1.16 and for recording of the Assignment, if any, are determined as follows:

CLAIMS					
	NO. OF CLAIMS		EXTRA CLAIMS	RATE	FEES
Basic Application Fee					\$740.00
Total Claims	25	Minus 20=	5	X \$18 =	\$90.00
Independent Claims	3	Minus 3=	0	X \$84=	\$0.00
If multiple dependent claims are presented, add \$260.00					
Add Assignment Recording Fee of \$40.00 If Assignment document is enclosed					\$0.00
TOTAL APPLICATION FEE DUE					\$830.00

PAYMENT OF FEES

The full fee due in connection with this communication is provided as follows:

1. Not enclosed

[] No filing fee is to be paid at this time.

2. Enclosed

[X] Filing fee

[] Recording assignment

[] Petition fee for filing by other than all the inventors or person on behalf of the inventor where inventor refused to sign or cannot be reached

[] For processing an application with specification in a non-English language

[] Processing and retention fee

- ☐ Fee for international-type search report
- ☒ The Commissioner is hereby authorized to charge any additional fees associated with this communication or credit any overpayment to Deposit Account No.: 23-0085. A duplicate copy of this authorization is enclosed.
- ☒ A check in the amount of \$830.00
- ☐ Charge any fees required or credit any overpayments associated with this filing to Deposit Account No.: 23-0085.

This application is filed pursuant to 37 C.F.R. § 1.53 in the name of the above-identified Inventor(s).

Please direct all correspondence concerning the above-identified application to the following address:

WAGNER, MURABITO & HAO LLP
Two North Market Street, Third Floor
San Jose, California 95113
(408) 938-9060

- ☒ This transmittal ends with this page.

Respectfully submitted,

Date: February 27, 2002

ORIGINAL SIGNED BY
By: Anthony C. Murabito
Reg. No. 35,295

MAR 7 2002



Declaration and Power of Attorney for a Patent Application

Declaration

As below named inventor, I hereby declare that my residence post office address, and citizenship are as stated below my name. Further, I hereby declare that I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

A METHOD FOR PERFORMING INTEGRATING BACK-END INTEGRATED CIRCUIT MANUFACTURING ASSEMBLY

the specification of which:

☒ is attached hereto, or
 was filed on as application serial no. : and
 was amended on

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above; and

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

Foreign Priority Claim

I hereby claim foreign priority benefits under Title 35, United States Code Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Number	Country	Date Filed	Priority Claimed
..... yes no
..... yes no

U.S. Priority Claim

I hereby claim the benefit under Title 35, United States Code, Section 120 and 199(e) of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Serial Number	Filing Date	Status (patented/pending/abandoned)
.....
.....

MAR 7 2006

Power of Attorney

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent Trademark Office connected therewith.

James P. Hao	Registration No.: 36,398
Anthony C. Murabito	Registration No.: 35,295
John P. Wagner	Registration No.: 35,398
Glenn D. Barnes	Registration No.: 42,293
Thomas M. Catale	Registration No.: 46,434
Jose S. Garcia	Registration No.: 43,628
Eric J. Gash	Registration No.: 46,274
Lin C. Hsu	Registration No.: 46,315
Mehlin Dean Matthews	Registration No.: 46,127
Ronald M. Pomerence	Registration No.: 43,009
John F. Ryan	Registration No.: 47,050
William A. Zarbis	Registration No.: 46,120
Matthew J. Blecher	Registration No.: 46,558
Lawrence R. Goerke	Registration No.: 45,927

Send Correspondence to:

WAGNER, MURABITO & HAO LLP
 Two North Market Street
 Third Floor
 San Jose, California 95113
 (408) 938-9060

Signatures

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole/First Inventor: **THURMAN J. RODGERS**

Inventor's Signature _____ Date _____
 Residence _____ Citizenship _____
 (City State)

P.O. Address _____

Full Name of Second/Joint Inventor: **BO SOON CHANG**

Inventor's Signature _____ Date _____
 Residence _____ Citizenship _____
 (City State)

P.O. Address _____